

OCT. 19. 2004 12:23PM

NO. 049 P. 1/7

**Allen, Dyer, Doppelt,  
Milbrath & Gilchrist, P.A.**

----- INTELLECTUAL PROPERTY ATTORNEYS -----

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**FACSIMILE COVER SHEET**

**TO:** Examiner Savitri MULPURI – United States Patent and Trademark Office  
Central Fax Art Unit 2812 - United States Patent and Trademark Office

**CLIENT NAME/NUMBER:** 62603\_CON3

**TELEPHONE:** 571-272-1677

**FAX No:** 571-273-1677  
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**FROM:** Christopher F. Regan, Esq.

**DATE:** October 19, 2004

**NUMBER OF PAGES (INCLUDING COVER SHEET):** 7

**COMMENTS/INSTRUCTIONS:**

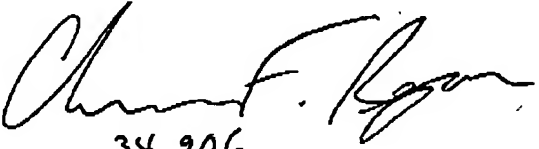
Pursuant to your telephone conversation with my office on 10/19/04, please find attached the following documents filed via Express Mail on August 19, 2004 for 10/716,991. We kindly request that the documents be made of record and the Notice of Abandonment dated October 12, 2004 be rescinded.

1. Request for Continued Examination Transmittal
2. Credit Card Payment Form
3. Information Disclosure Statement
4. Express Mail Receipt
5. Return postcard date stamped by USPTO

10/20/2004 MAHEDI 00000002 010484 10/16/991

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34,906

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NO. 049 P. 3/7

[Page 2 of 2]

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	36 - 20 =	16	x \$18 =	\$ 288
	INDEPENDENT CLAIMS	2 - 3 =	0	x \$86 =	
	MULTIPLE DEPENDENT CLAIMS (if applicable)			+ \$ _____ =	
				BASIC FEE	\$ 770
	Total of above calculations =				\$1058
	Reduction by 50% for filing by small entity				\$ 529
	TOTAL =				\$ 529

**SIGNATURE OF APPLICANT, ATTORNEY OR AGENT REQUIRED**

NAME	CHRISTOPHER F. REGAN, Reg. No. 34,906		
SIGNATURE		DATE	August 19, 2004

OCT: 19. 2004 12:24PM

NO. 049 P. 5/7

IN THE UNITED STATES PATENT AND TRADE MARK OFFICE

In re Patent Application of:  
MEARS ET AL.

Serial No. 10/716,991  
Confirmation No. 7599  
Filing Date: NOVEMBER 19, 2003

For: METHOD FOR MAKING SEMICONDUCTOR  
DEVICE INCLUDING BAND-  
ENGINEERED SUPERLATTICE

)  
)  
) Examiner: S. Mulpuri

)  
) Art Unit: 2812

) Attorney Docket: 62603CON3

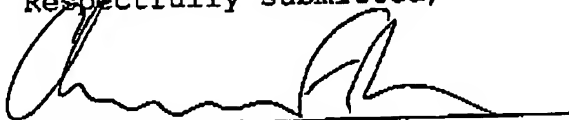
CITATION UNDER 37 CFR §1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached is a form PTO-1449 listing several references for consideration in the examination of the above-identified application. A copy of each reference may be found in parent application, Serial No. 10/647,061 filed August 22, 2003. It is requested that these references be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR §1.97 and Section 609 of the MPEP.

Respectfully submitted,



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Sheet 1 of 1

<b>INFORMATION DISCLOSURE STATEMENT</b>	Atty Docket:	62603_CON3
	Serial No.:	10/716,991
	Applicant:	MEARS ET AL.
	Filing Date:	NOVEMBER 19, 2003
	Group:	

U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date
	AA	4,485,128	11/27/84	Dalal et al.	427	85	
	AB	6,326,311	12/4/01	Ueda et al.	438	694	
	AC	6,350,993	2/26/02	Chu et al.	257	19	
	AD	6,376,337	4/23/02	Wang et al.	438	478	
	AE	6,438,784	8/20/02	Allam	438	380	
	AF	6,501,092	12/31/02	Nikonov et al.	257	29	
	AG	6,566,679	5/20/03	Nikonov et al.	257	29	
	AH	6,621,097	9/16/03	Nikonov et al.	257	17	
	AI	2003/0162335	8/28/03	Yuki et al.	438	151	3/4/03
	AJ	2003/0215990	11/20/03	Fitzgerald et al.	438	172	3/14/03
	AK						
	AL						
	AM						
	AN						
	AO						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation
	AP	61220339A	9/30/86	Japan	H01L21	322	English Abstract
	AQ	61145820A	7/3/86	Japan	H01L21	20	English Abstract
	AR	99/63580	12/9/99	WO	H01L3	00	n/a

<b>EXAMINER:</b>	<b>DATE CONSIDERED:</b>
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

NO. 049

P. 7/7

SERIAL/PATENT NO. 10/116/41 FILED/ISSUED 11/19/63  
 APPLICANT Mears et al.  
 KINDLY ACKNOWLEDGE RECEIPT OF ACCOMPANYING PAPERS WITH YOUR MAIL ROOM STAMP.

☒ \$ 529 sheets

☒ Authorization Deposit Account No. CREDITCARD

☐ Utility application Provisional application

☐ \_\_\_\_\_ pages, \_\_\_\_\_ claims, \_\_\_\_\_ drawing sheets

☒ CPA transmittal Continuation transmittal

☒ RCE transmittal Divisional transmittal

☒ Certificate of Express Mail Label No.:  
EV 32269700 US

☐ Declaration and Power of Attorney

☐ Assignment w/Cover Sheet

☐ Change of Correspondence Address

☒ Response to Notice to File Missing Parts + copy

☐ Citation Under 37 CFR § 1.97 (IDS)

☒ Form PTO-1449 + copies of cited references

☐ Response to Restriction Requirement

☐ Response to Election Requirement

☐ Amendment Transmittal Form

☐ Amendment (Official Action of \_\_\_\_\_)

☐ Request for Extension of Time (\_\_\_\_\_ mos.)

☐ Notice of Appeal

☐ Appellant's Appeal Brief (x3) - \$320 large entry

☐ Status Request

☐ Transmittal of Formal Drawings (\_\_\_\_\_ sheets)

☐ Letter to Official Draftsman

☐ Part B-Issue Fee Transmittal

☐ Publication Fee Transmittal

☐ PCT Request (\_\_\_\_\_ pp.) + Application (\_\_\_\_\_ pp.)

☐ National Phase Transmittal Letter

☐ Response to PCT Invitation to Correct Defects

☐ Ch. II Demand \_\_\_\_\_ Power of Attorney

☐ Revocation of Prior Powers of Attorney and POA

☐ Petition for \_\_\_\_\_ + \$130 Fee

☐ Temporary Disclaimer

☐ Request for Correction to Filing Receipt

☐ Request for Correction to Assignment and/or cover

☐ Transmittal of Certified Copy of Priority Document

☐ Preliminary Amendment

☐ Replacement Drawings (\_\_\_\_\_ sheets)

☐ Request Certificate of Correction + PTO 1050



☒ Substitute specification (w/ marked up version)

☒ Other Form PTO-2038

8/19/04 62603CON3 C. Regan

DATE FILE NO. ATTORNEY

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<b>TO: (PLEASE PRINT)</b> <b>MAIL STOP 313(c)</b> <b>COMMISSIONER FOR PATENTS</b> <b>PO BOX 1450</b> <b>ALEXANDRIA VA 22313-1450</b>		<b>62603CON3 C/L</b>		<b>62603CON3 C/L</b>	